



ASBESTOS AIR ANALYSIS

By: PHASE CONTRAST MICROSCOPY

Client: SAQ Environmental Engineers, Inc.
PO Box 155
Manati, PR 00674

CEI Lab Code: P14-1033
Date Received: 05-14-14
Date Analyzed: 05-14-14
Date Reported: 05-14-14

Project: Head Start Encarnacion, Penuelas, PR

ASBESTOS FIBER COUNT, NIOSH 7400 METHOD

Client ID	Lab ID	Volume (Liters)	Fibers	Fields	Fibers / cc
HS-A-0512-01 Field Blank	P91591	Blank	0	100	
HS-A-0512-02 Blank	P91592	Blank	0	100	
HS-A-0512-03	P91593	4365	8	100	0.0009
HS-A-0512-04	P91594	4200	8.5	100	0.00099
HS-A-0512-05	P91595	4410	6	100	0.00067



REGULATORY LIMITS: OSHA: Excursion Level (EL) is 1.0 fibers per cc based on a 30 minute sample.
OSHA: Permissible Exposure Level (PEL) is 0.10 fibers per cc based on 8 hour TWA.
EPA: Final Clearance Standard is 0.01 fibers per cc.

METHOD: NIOSH 7400, A RULES

Please note that the results have not been corrected for contamination based on the field blank or lab blank. The results relate only to the items tested. The overall relative standard deviation (Sr) for the lab = 0.20. The detection limit is 7 fibers/mm². Samples were received in acceptable condition.

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A handwritten signature in black ink, appearing to read "Antonia Hoyland".

ANALYST: _____

Antonia Hoyland

A handwritten signature in black ink, appearing to read "Tianbao Bai".

APPROVED BY: _____

Tianbao Bai, Ph.D.
Laboratory Director

AIHA IHLAP #103025



107 New Edition Court, Cary, NC 27511

Tel: 866-481-1412; Fax: 919-481-1442

ASBESTOS CHAIN OF CUSTODY

LAB USE ONLY:

CEI Lab Code: **P14-1033 (5)**

CEI Lab I.D. Range: **P91591-P91595**

COMPANY INFORMATION	PROJECT INFORMATION
CEI CLIENT #:	Job Contact: SAMUEL QUINONES
Company: SAQ ENVIRONMENTAL ENGINEERS, INC	Email / Tel: 787-374-6187
Address: PO. BOX 155, MANATI PR, 00674	Project Name: HOMECA
	Project ID# Head Start Encarnacion, Penuelas, PR
Email: SAMUELQ@SAQEE.COM	PO #:
Tel: 787-374-6187 Fax:	STATE SAMPLES COLLECTED IN:

GENERAL INSTRUCTIONS		
POSITIVE STOP ANALYSIS	<input type="checkbox"/>	PLM DUE DATE: / /
ANALYZE NOB'S BY TEM	<input type="checkbox"/>	TEM DUE DATE: / /

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	24 HR	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR AHERA	EPA AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* TEM AIR NIOSH	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-09	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM SOIL	ASTM D7521-13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CINCINNATI METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* REMARKS: *If PCM exceed 0.0009 f/cc then analyze by TEM NIOSH 7402*

☒ Accept Samples
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
<i>Samuel Quinones</i>	<i>5/12/2014 - 3:15 P</i>	<i>[Signature]</i>	<i>5/14/14 10:30c</i>

Samples will be disposed of 30 days after analysis



Company: SAQ ENVIRONMENTAL ENGINEERS, INC	Job Contact: SAMUEL QUINONES
Project Name: HOMECA	
Project ID #: <i>Head Start Encarnacion, Penuelas, PR</i>	Tel: 787-374-6187

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